

## ABSTRACT

A2 The present invention provides grain, seed, feed made from the grain or seed, petfood made from the grain, and food products made from the grain. The grain may be maize grain with the following characteristics: oil burdened, elevated protein content, and low phytate levels. The combination of oil burdened, protein laden, decreased phytate characteristics in grain makes a grain that provides more calories, protein and phosphorus and other nutrients to the feeding animal. Pet foods, and animal feeds and corn food products made of the present invention will provide increased nutrition because of the increased bioavailability of the components of the grain.

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